

C/SfB

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Door Seals and Thresholds

Ventura is based at Pampisford, south of Cambridge, UK and was formed in 1999 as a new trading division of the Dixon International Group Ltd.

The Group has concentrated on developing new specialist products for the construction industry in the UK and abroad. These include draught, weather, acoustic, fire and smoke seals for doors and windows - as well as structural, bridge and anti-vibration bearings to prevent cracking in buildings. A number of the Group's products have won awards - including a Council of industrial Design Award and in 1999, four Millennium Product Awards from the Design Council. Ventura extends the range of options open to today's specifier, contractor and commercial user. The range includes high quality silicone bulb and brush seals, acoustic seals, automatic door bottom seals, thresholds and access ramps.

Product Legend and Code Identification

Each product has an item code (usually numerical) followed by a series of alphabetical suffixes indicating the material, finish and seal insert (where applicable). Example:- V2001AS. Ventura threshold ref 2001; A - aluminium; S - silicone seal.

SEAL CHARACTERISTICS

Silicone bulb seal. 'S'

An excellent all purpose seal material supplied as our standard perimeter and threshold seal insert. Highly compressible with excellent shape recovery. Flexible within extreme temperature differentials -73°C to over 200°C; self-extinguishing and produces no toxic fumes when burnt. Unaffected by ozone, sunlight and ultraviolet light. Standard colours: Dark Bronze, White, Grey

Pemkprene™ bulb seal 'PK'

Produced from thermoplastic elastomers with similar characteristics to silicone but with a narrower temperature tolerance (-56°C to 120°C). Standard colour: Dark Bronze

Sponge Neoprene rubber 'R'

Extruded closed cell sponge neoprene (R6130 class II grade C) Excellent compression seal, especially suitable for sound absorbing qualities. Standard seal insert in automatic door bottoms. Standard colour: Black

Nylon brush 'NB'

Densely compressed nylon filaments provide greatly reduced infiltration of light, air, wind, rain, fumes and smoke. Very flexible even at extremes of temperature (-40°C to 150°C) and provides very low closing force resistance. Suitable for sealing against irregular surfaces and parallel sliding surfaces such as rotating, sliding doors and shutters. Standard colour: Black

Pile (soft) 'P'

Dense short soft pile polypropylene. Alternative seal to silicone bulb seal. Standard colour: Mid grey

Neoprene 'N' blade

A flexible blade ideal for overlap situations on pairs of doors. Standard colour: Grey

Vinyl bulb seal 'V'

An economical seal. Good compression but 'weathers' and 'shrinks' in extreme commercial conditions. Best suited as a residential seal for effective economy. Colour: Colour coded to suit holder finish

Styrene Butadiene Rubber 'SBR'

A long lasting impact and abrasion resistant rubber. Weather and ozone resistant. Used for our rubber access ramps. Colour: Black

Other codes for special applications

- AK Armour-Grip (fused nickel alloy coating for surface slip resistance)
- FG Frost Guard (used in thermal thresholds)
- L Low closing force (used in mechanism of automatic door bottoms)

Special sections; non-standard seals (ie colour coded, magnetic) and special colour coating or anodising is available on some items. Contact our Technical Office to discuss your requirements on 01223 837007.

Symbols



Disabled
Accessibility



Rain



Wind/
Draught



Smoke



Frost/
Chill



Sound



Slip
Resistant

FINISHES

- A. Aluminium (mill finish - unpolished).
6063 & 6463 aluminium alloy
- B. Brass (mill, satin or polished). C38500 architectural
brass
- BDG. Bright dipped gold anodized aluminium
- C. Clear anodized aluminium
- D. Dark Bronze anodized aluminium
- G. Gold anodized aluminium
- PA. Painted aluminium (silver lacquered finish)
- PD. Painted aluminium (dark bronze lacquered finish)
- PG. Painted aluminium (gold lacquered finish)
- PW. Painted aluminium (white lacquered finish)

SEAL INSERTS

- N. Neoprene
- NB. Nylon Brush (used in some automatic door bottoms)
- P. Pile (either short soft pile or long nylon brush pile
depending upon holder - see also 'NB')
- PK. Pemkprene™ bulb seal
- R. Rubber (sponge neoprene)
- S. Silicone bulb seal
- V. Vinyl bulb seal

◀ Thresholds

- Flat plate
- Low profile 'accessibility' thresholds
- Latching and panic exit thresholds
- Thermal break thresholds

◀ Automatic Door Bottom Seals

- Surface
- Semi Mortised, (flush surface)
- Fully Mortised
- Suitable for timber, steel or Composition doors

◀ Brush Weatherseal

- High Quality densely compressed nylon filaments in various brush lengths and holders
- Straight 180 degree
- Angled 35 degree
- Angled 45 degree
- Mortice 'groove in' type

◀ Bulb & Blade Weatherseals

- Pressure sensitive adhesive seals
- Vinyl & Silicone perimeter bulb seals in aluminium holders
- Meeting stile seals and astragals
- Acoustic and thermal heavy duty perimeter seals

◀ Acoustic sound seal systems

- Thresholds
- Door Bottom seals
- Perimeter seals

◀ Residential & Light Duty Commercial Seals

- Vinyl top thresholds
- Residential door perimeter seals
- Door shoes
- Door bottom sweeps

◀ Access Ramps

- Rubber (styrene butadiene rubber)
- Aluminium variable pitch or fixed rise, with or without Armour-Grip skid-resistant surface